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/cgn2_6/ptodata/2/1na/5A_COMB.seq:US-08-306-691B-23 -
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-Q=/cgn2_1/USPT0_spc0_1/USO8978217/runat_21092001_160327_2870/app_query.fasta_1.1083
-DB=Issued_Patents_NA -QPW=fastap -SUFFIX=p2n.rni
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-LOOPEXT=0.000 -QGAPOP=4.500 -QGAPEXT=0.050 -XGAPOP=10.000
-XGAPEXT=0.500 -FGAPOP=6.000 -FGAPEXT=7.000 -YGAPOP=10.000
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-YGAPEXT=0.500 -DELOP=6.000 -DELEXT=7.000 -START=1
-MATRIX=blosum62 -TRANS=human40.cdi -LIST=45 -DOCALIGN=200
-THR_SCORE=pct -THR_MAX=100 -THR_MIN=0 -ALIGN=15 -NODE=LOCAL
-OUTFMT=pfs -NORM=ext -MINLEN=0 -MAXLEN=200000000
-USER=US08978217_@CGN1_1_85 -NCPU=6 -ICPU=3 -LONGLOG -NO_XLPXY
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alignment_block: us-08-978-217-7 \times us-08-746-789A-1
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Ratio: 5.298
Percent Similarity: 100.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Align seg 1/1 to: US-08-746-789A-1 from:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1, Application US/08746789A Patent No. 5789200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 610 270 4026 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: William T. Han
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: NO. 5789 CLASSIFICATION: 514 PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road, P.O. Box 1539
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: AT TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: MICROSOFT WORD CURRENT APPLICATION DATA:
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524 GTTGGATCATTGAGCTGCTGGAGAAGGATGGCATGGCCTTCCAGGAGGCC
                               34 erTrpIleIleGluLeuLeuGluLysAspGlyMetAlaPheGlnGluAla
                                                                                                                                                                                                                         17 nLeuHisAlaGlnLeuArgAspLeuThrSerSerSerAspGluLeuS
                                                                                                                                                                                                                                                                                                                                        1 AsnCysAlaLeuGluGluLeuArgLeuValPheGlyProLeuGlyAspGl
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COMPUTER: II
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STRANDEDNESS: Sing
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ZIP: 19406-0939
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Gaps: 0
Percent Identity: 100.000
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Quality:
Ratio:
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                                                                        Align seg 1/1
                                                                                                                                                                  Percent Similarity:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence
                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (215) 568-554
TELEX: NO. 5734039e
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
423 TCCAGCTCTTCTTCAACCAGCTGGATCCTACGG........
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Monaco, Daniel A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
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ADDRESSEE: Seidel, Gonda, Lavorgna & Monaco, P.C.
STREET: Two Penn Center, Suite 1800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Calabretta, Brun
APPLICANT: Skorski, Tomasz
TITLE OF INVENTION: ANTISED
TITLE OF INVENTION: OLIGONU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       674 GA 675
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                 28 SerSerAspGluLeuSerTrpIleIleGluLeuLeuGluLysAspGl 44
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                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (215) 568-8383
TELEFAX: (215) 568-5549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: MONBCO, Daniel A. REGISTRATION NUMBER: 30,480 REFERENCE/DOCKET NUMBER: 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/
FILING DATE: September 15,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 5.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
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No. 5734039
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                                                                        to reverse of: US-08-306-691B-23
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                                                                                                                                                                  72.00
2.182
51.562
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OLIGONUCLEOTIDES TARGETING COOPERATING ONCOGENES
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                                                                                                                                                                  Percent Identity:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          8321-8
                                                                                                                                                                                                       Length:
                                                                                                                                                                                   Gaps:
                                                                                                                                                                    35.938
                                                                      from: 1
                                                                      to: 2301
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alignment_block:
US-08-978-217-7 x PCT-US93:06251-78/rev
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; MOLECULE TYPE:
PCT-US93-06251-78
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                                                                                                                                                       Align seg 1/1 to reverse of: PCT-US93-06251-78
                                                                                                                                                                                                                                                         Percent Similarity:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 516-742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                            423
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TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION: NAME: DiGiglio, Frank S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wickstrom, Eric and Rife, Jason P.
TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        44 yMetAlaPheGlnGluAlaLeu.AspProGlyProPheAspGlnGlySer 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         44 yMetAlaPheGlnGluAlaLeu.AspProGlyProPheAspGlnGlySer
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CITY: Garden City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: DiGiglio, Frank S. REGISTRATION NUMBER: 31,346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE: 19930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: UZIP: 11530
                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 2301 base pairs
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                                                                          TCCAGCTCTTCTTCAACCAGCTGGATCCTACGG
                                                                                                                SerSerSerAspGluLeuSerTrpIleIleGluLeuLeuGluLysAspGl 44
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....TTCAAGGAGGCCACCTCAGCCTCAGCCTGTT...CCCGGGCCC 351
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SYSTEM: PC-DOS/MS-DOS
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alignment_block:
US-08-978-217-7 x US-08-956-242-1
                                                                                                                                                                                                                                                                                                                     ; NAME/KEY: unsure
; LOCATION: (3134)
; OTHER INFORMATION:
US-08-956-242-1
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    Quality:
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Percent Similarity:
                                                                                                                                   Align seg 1/1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 1
LENGTH: 3141
TYPE: DNA
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1, Application US/08956242C Patent No. 5986081
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APPLICANT: Titus, Steven A.
TITLE OF INVENTION: Polynucleotides Encoding
FILE REFERENCE: 960296.94550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/08/956,242C CURRENT FILING DATE: 1997-10-22 NUMBER OF SEQ ID NOS: 13
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LOCATION: (3126)
OTHER INFORMATION:
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OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION:
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OCATION: (1)
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uThrSerSerSerAspGluLeuSerTrpIleIleGluLeuLeuGluL 42
                                                                  CTGAAGCTGGGCTCCAGGCTAGAGCAGCTCCAGGCCCAGATGAACAGGCT 2276
                                                                                              LeuValPheGlyProLeuGlyAspGlnLeuHisAlaGlnLeuArgAspLe
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1.324
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Percent Identity:
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alignment_scores:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 3141
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Polynucleotides Encoding Herg-3 FILE REFERENCE: 960296.94550 CURRENT APPLICATION NUMBER: US/09/351,215 CURRENT FILING DATE: 1999-07-12 EARLIER APPLICATION NUMBER: 08/956,242 EARLIER FILING DATE: 1997-10-22 NUMBER OF SEQ ID NOS: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Ganetzky, Barry S. APPLICANT: Titus, Steven A.
                                                                           OTHER INFORMATION:
                                                                                           NAME/KEY: unsure LOCATION: (3134)
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LOCATION: (1568)..
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                            NAME/KEY: unsure LOCATION: (12)
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OTHER INFORMATION:
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NAME/KEY: CDS
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W: Unidentified at time
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Quality:

71.50

Length:

113

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alignment_block:
US-08-978-217-7 x US-09-351-215-1
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Percent Similarity:
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                                                                                                                                                                                                                OPERATING SYSTEM: DOS
SOFTWARE: FASISEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/955,713
FILING DATE: 23-OCT-1997
                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/050,124
FILING DATE: 18-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: PRESTIA, PAUL F
                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: MOONEY, JEFFREY
APPLICANT: BERGSMA, DERK
APPLICANT: HALSEY, WENDY
TITLE OF INVENTION: CDNA CLONE HEOAD54 THAT ENCODES
NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
NAME: PRESTIA, PAUL F
REGISTRATION NUMBER: 23,031
REFERENCE/DOCKET NUMBER: GH
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-407-0700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           42 ys.....AspGlyMetAla.....
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              25 uThrSerSerSerAspGluLeuSerTrpIleIleGluLeuLeuGluL 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           9
                                                                                                                                                                                                    CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: P.O. BOX 9:
CITY: VALLEY FORGE
STATE: PA
                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: RATNER & PRESTIA STREET: P.O. BOX 980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GlnAlaSerProTyrHisProGlySerCysGlyAlaGly 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CAGGCTGCCCCAGGGCTTTCTGCTTCCTGCACAGACCCCCAAGCTATGGAG 2476
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AGCCCATGCCCAGGGCCACGCCAGCTACATTCTGGAAGCCCCCTGCCTCC 2376
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ..PheAspGlnGlySerProPheAlaGlnGluLeuLeuAspAspGlyGln 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .....PheGlnGluAlaLeuAspProGlyPr 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LeuValPheGlyProLeuGlyAspGlnLeuHisAlaGlnLeuArgAspLe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /cgn2_6/ptodata/2/ina/5B_COMB.seq:US-08-955-713-1
                                                                                                                                                                                                                                                                                                                                                                                                         19482
                                                                                                                                                                                                                                                                                                                                                                                                                           USA
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                                                                                                                                                                                                                                                                                                                                                         Diskette
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47.788
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Percent Identity: 32.743
                                             GH-70087
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                A HUMAN 7-TRANS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  seq_documentation_block:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             seq_name: /cgn2_6/ptodata/2/ina/5A_COMB.seq:US-08-131-365B-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           alignment_block:
US-08-978-217-7 x US-08-955-713-1/rev
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Quality:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TOPOLOGY: linear; MOLECULE TYPE: cDNA US-08-955-713-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Align seg 1/1 to reverse of: US-08-955-713-1 from: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Ratio:
Percent Similarity:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 37, Application US/08131365B Patent No. 5527690
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 846169
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1114 GGCCTCTGCGGGCCTGCCTGCCCGAGACCACGGTTCCGGATGGTGA 1065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1064 GCCCAATGCTCACAATAGCAAAGAGGATGAGCGCCAGTGGCAGGAAGAAC 1015
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APPLICANT:
APPLICANT:
APPLICANT:
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                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TITLE OF INVENTION: TO STEROL REGULATORY ELEMENT BINDING TITLE OF INVENTION: PROTEINS
                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       873 GCCACCGGGCAGCTGCCCCCACGGA 848
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           47 PheGlnGluAlaLeuAspProGlyProPheAspGlnGlySerProPheAl 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    39
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                                                                                                                                COUNTRY: U.
ZIP: 77210
                                                                                                                                                                           CITY: Houston
STATE: Texas
                                                                                                                                                                                                                      STREET:
                                                                                                                                                                                                                                         ADDRESSEE: Arnold,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
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                                                                                                                                                                                                                      P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                    Brown, Michael S.
Briggs, Michael R.
                                                                                                                                                                                                                                                                                                                                                                                             Wang, Xiaodong
                                                                                                                                                                                                                                                                                                                                                                             Goldstein, Joseph L.
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1.535
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to: 1594

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alignment_block: us-08-978-217-7 \times us-08-131-365B-37
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                                                                                                                                                                                                                                                                                                                                                                                                                      seq_name: /cgn2_6/ptodata/2/ina/5B_COMB.seq:US-08-668-123-37
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Align seg 1/1 to: US-08-131-365B-37 from: 1 to: 4154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Percent Similarity:
                                                                                                                                                                                                                                                                                                                                             Sequence 37, Patent No. 5
                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (512) 474-75
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          1475 CAGAGCACCCCTTGTCCCTTGGCAGCAGGGGCAGTGGC 1513
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1355 CTGAAGGATCTGGTGGCCCTGTGGCAGTGGAGGGAACACAGACGTG.. 1402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: 11: MOLECULE TYPE: DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1452 CCTCGGATGCTGGCTCACCTTTC.........
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1403 .CTCATGGAGGGCGTGAAGACTGAGGTGGAGGACACTGACCCCACCCC 1451
                                                                                                                                                                      TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION: NAME: Parker, David L.
                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               72 GlnAlaSerProTyrHisProGlySerCysGlyAlaGly 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           55 roPheAspGlnGlySerProPheAlaGlnGluLeuLeuAspAspGlyGln 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    38 uLeuLeuGluLysAspGlyMetAlaPheGlnGluAlaLeuAspProGlyP 55
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                                     COUNTRY: U
ZIP: 77210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Parker, David L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: UTSD:372/PAR
                                                                                               CITY:
                                                                                                                 STREET:
                                                                                                                                ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 4154 base pairs TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
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Ratio:
                                                                                             Houston
                                                                                                                                                                                                                                                                                                                                               7, Application US/08668123 5891631
                                                                         Texas
                                                                                                               E: Arnold, Wh
P.O. Box 4433
                                                     U.S.A.
                                                                                                                                                                                                                                               Wang, Xiaodong
Goldstein, Jose
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167..3607
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(512) 474-7577
                                                                                                                                                                                                                                                                                     Briggs, Michael R.
                                                                                                                                                                                                                                                                                                       Brown, Michael S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
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/desc = "DNA"
Floppy disk
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1.941
53.968
                                                                                                                                                                                      METHODS AND COMPOSITIONS RELATING TO STEROL REGULATORY ELEMENT BINDING PROTEINS
                                                                                                                                                                      64
                                                                                                                                White & Durkee
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                                                                                                                                                                                                                                                 Joseph L.
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; NAME/KEY:
; LOCATION:
US-08-668-123-37
                                                                                                                                                                                                                                                                                         seq_documentation_block:
                                                                                                                                                                                                                                                                                                                                    seq_name: /cgn2_6/ptodata/2/ina/5A_COMB.seq:US-08-162-809-9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Percent Similarity:
                                                                                                                                                                                                                                             Sequence 9, Application US/08162809 Patent No. 5457048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 37
                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1355 CTGAAGGATCTGGTGTCGGCCTGTGGCAGTGGAGGGAACACAGACGTG.. 1402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1403 .CTCATGGAGGGCGTGAAGACTGAGGTGGAGGACACTGACCCCACCCC 1451
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1452 CCTCGGATGCTGGCTCACCTTTC............
                                                                                                                       APPLICANT: Pasquale, Elena B.
APPLICANT: Sajjadi, Fereydoun G.
TITLE OF INVENTION: NOVEL EPH-RELATED TYROSINE KINASES,
TITLE OF INVENTION: NUCLEOTIDE SEQUENCES, AND METHODS OF USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/668,123
FILING DATE: 14-JUN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 01-OCT-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                           72 GlnAlaSerProTyrHisProGlySerCysGlyAlaGly 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    55 roPheAspGlnGlySerProPheAlaGlnGluLeuLeuAspAspGlyGln 71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08/131,365 FILING DATE: 01-OCT-1993
STATE:
                       CITY:
                                          STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM:
                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 4154 base pairs
                                                                                                                                                                                                                                                                                                                                                                                   CAGAGCAGCCCCTTGTCCCTTGGCAGCAGGGGCAGTGGC 1513
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Quality:
                     San Diego
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ratio:
California
                                       E: CAMPBELL AND FLORES
4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CDS
167..3607
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SYSTEM: PC-DOS/MS-DOS
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1.941
53.968
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                                                                                                              26
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alignment_block:
US-08-978-217-7 x US-08-162-809-9
                                                                                                                                                                                                                                                                    seq_documentation_block:
                                                                                                                                                                                                                                                                                                        seq_name: /cgn2_6/ptodata/2/1na/5A_COMB.seq:US-08-162-809-13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Percent Similarity:
                                                                                                                                                                                                                                                  Sequence 13,
                                                                                                                                                                                             itent No. 543, ...
THERE INFORMATION:
                                                                                                                                                                                                                                                                                                                                                2355
                                                                                                                                                                                                                                                                                                                                                                                                                          2305
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2255
                                                                                                                               APPLICANT: Pasquale, Elena B.
APPLICANT: Sajjadi, Fereydoun G.
TITLE OF INVENTION: NOVEL EPH-RELATED TYROSINE KINASES,
UCCLEOTIDE SEQUENCES, AND METHODS OF USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: P-
TELECOMMUNICATION INFORMATION:
                                                                                               CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                            70 GlyGlnGlnAlaSerProTyrHisProGlySerCysGlyAla 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                          53 roGlyProPheAspGlnGlySerProPheAlaGlnGluLeuLeuAspAsp 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 41 uLysAspGlyMetAlaPheGlnGluAlaLeuAsp....... 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           25 LeuThrSerSerSerAspGluLeuSerTrpIleIleGluLeuLeuGl 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: 01
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LOCATION:
 COUNTRY:
                                                         STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
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CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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STRANDEDNESS: both
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                                                                           DDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TTCGGGCTCTCCCGCTTTTTGGAGGATGATCCAGCCGACCCCACCTACAC 2304
                                                                                                                                                                                                                                                                                                                                          TCGCCTACCGCAAATTCACGTCGGCCAGCGACGTGTGGAGCT 2396
                                                                                                                                                                                                                                                                                                                                                                                                                        CAGCTCCCTGGGAGGCAAGATCCCCATCAGGTGGACAGCTCCTGAGGCCA 2354
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                                     San Diego
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                     California
                                                                                                                                                                                                                                                  Application US/08162809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3546 base pairs
                                                   4370 La Jolla Village Drive,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (619) 535-8949
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2..2920
 United
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                                                                           CAMPBELL AND FLORES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (619) 535-9001
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1.743
57.812
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States of America
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                                                       Suite 700
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1
26.562
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alignment_block:
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Quality:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-162-809-13
                                                                                                                                                                                                                                                                                                                                                                    seq_name: /cgn2_6/ptodata/2/ina/5A_COMB.seq:US-08-357-598-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Align seg 1/1 to: US-08-162-809-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-978-217-7 x US-08-162-809-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Percent Similarity:
                                                                                                                                                                                                                                                                             Sequence 1, Application US/08357598 Patent No. 5705625
                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                               2400 TCGCCTACCGCAAATTCACGTCGGCCAGCGACGTGTGGAGCT 2441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2350 CAGCTCCCTGGGAGGCAAGATCCCCATCAGGTGGACAGCTCCTGAGGCCA 2399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2300 TTCGGGCTCTCCCGCTTTTTGGAGGATGATCCAGCCGACCCCACCTACAC 2349
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2250 CTGCCCGCAACATCCTGGTCAACAGCAACTTGGTCTGCAAAGTGTCTGAC 2299
                                                                                                                                                                                                                 APPLICANT: Civin, Curt I APPLICANT: Small, Donald
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-LJ
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                            CORRESPONDENCE ADDRESS
ADDRESSEE: Fish & R
                                                                                                                                                                       TITLE OF INVENTION: NOVEL PROTEIN TYROSINE KINASE, JAK3 NUMBER OF SEQUENCES: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION: NAME: Campbell, Cathryn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     70 GlyGlnGlnAlaSerProTyrHisProGlySerCysGlyAla 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     53 roGlyProPheAspGlnGlySerProPheAlaGlnGluLeuLeuAspAsp 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          41 uLysAspGlyMetAlaPheGlnGluAlaLeuAsp...... P 53
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                        COUNTRY: U
ZIP: 92037
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CLASSIFICATION: 514
                                                                  STATE:
                                                                                         CITY:
                                                                                                        STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOCATION:
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                                                         La Jolla
: CA
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EDNESS: both
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                                                                                                           4225 Executive Square,
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                                              USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
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2..2965
                                                                                                        Fish & Richardson P.C.
25 Executive Square, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               64.50
1.743
57.812
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MEDIUM TYPE:

Floppy disk

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seq_documentation_block:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Percent Similarity:
                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/09003289 Patent No. 5916792
                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 619/678-5099 INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2168 CTTGATGAAGGGCGGGCTCCCATCAGCCCCCTCCCGAGCCAGGAGCACCT 2119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1980 CCAGGTGTACAAATTCCTCGACCATGGTGCTGTCTCCAGCCATGCACAC 1932
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2030 GCTGGCTGGCACCAGGTGGCCACGTTTTCGCAGATACATGTCTATGGCCC 1981
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2080 TCCAGATAGTTGAGGGCGTAGGCCAGCTGTTTGACCACCTGCAGCTTCCA 2031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 3807 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
                                                                                                                                                                             APPLICANT: Civin, Curt I.
APPLICANT: Small, Donald
APPLICANT: Small, Donald
TITLE OF INVENTION: NOVEL PROTEIN TYROSINE KINASE, JAK3
NUMBER OF SEQUENCES: 12
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NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOETWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 619/678-5070
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  37 leGluLeuLeuGluLysAspGlyMetAlaPheGlnGluAlaLeuAspPro 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 54 GlyProPheAspGlnGlySerProPheAlaGln.....
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4 LeuGluGluLeuArgLeuValPheGlyProLeuGlyAspGlnLeuHisAl 20
                                                                       CITY: La Jolla
STATE: CA
                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/357,598 FILING DATE: 15-DEC-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .........GluLeuLeuAspAspGlyGlnGlnAlaSerProTyrHis 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Quality:
                              92037
                                                  USA
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1.402
55.422
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               07265/033001
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seq_documentation_block:
; Sequence 1, Application PC/TUS9516435
; GENERAL INFORMATION:
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US-08-978-217-7 x US-09-003-289-1/rev
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: 1:
; MOLECULE TYPE:
US-09-003-289-1
                                                                                                                                                                                                                                                                                                                                      seq_name: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:PCT-US95-16435-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             alignment_scores:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Percent Similarity:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 3807 base pairs
                                                                                                                                                                                                                                                                                                                                                                                     1980 CCAGGTGTACAAATTCCTCGACCATGGTGCTCTCCAGCCATGCACAC 1932
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2080 TCCAGATAGTTGAGGGCGTAGGCCAGCTGTTTGACCACCTGCAGCTTCCA 203:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2168 CTTGATGAAGGGCGGGCTCCCATCAGCCCCCTCCCGAGCCAGGAGCACCT 2119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/357,598
FILING DATE: 15-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Halle, Lisa A.
REGISTRATION NUMBER: 38,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                      NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 07
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                       TITLE OF INVENTION:
                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    37 leGluLeuLeuGluLysAspGlyMetAlaPheGlnGluAlaLeuAspPro 53
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       20 aGlnLeuArgAspLeuThrSerSerSerSerAspGluLeuSerTrpIleI 37
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                                                               STATE:
                                                                                         CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 619/678-5099
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                                            COUNTRY:
                                                                                                            STREET:
                                                                                                                              ADDRESSEE:
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USA
92037
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                                                             La Jolla
: CA
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                                                                                                              4225 Executive Square, Suite 1400
                                                                                                                                                                                                     The Johns Hopkins University School of Medicine VENTION: NOVEL PROTEIN TYROSINE KINASE, JAK3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                   Fish & Richardson P.C
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1.402
55.422
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COMPUTER READABLE FORM:

MEDIUM TYPE:

Floppy disk

COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS

PatentIn Release #1.0, Version #1.30

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seq_documentation_block:
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US-08-978-217-7 x PCT-US95-16435-1/rev
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Quality:
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NAME: Halle, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 0726
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5099
TELEPAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                        Patent No.
                                                                                                                                                                                                                                                                                                                 Sequence 20,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2080 TCCAGATAGTTGAGGGCGTAGGCCAGCTGTTTGACCACCTGCAGCTTCCA 2031
                                                                    APPLICANT: Edelman, Isidore S.
APPLICANT: MOORE, Patrick S.
TITLE OF INVENTION: POLYPEPTIDES FROM KAPOSI'S SARCOMA-ASSOCIATED
TITLE OF INVENTION: HERPESVIRUS, DNA ENCODING SAME AND USES THEREOF
NUMBER OF SEQUENCES: 20
                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                       APPLICANT:
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APPLICATION NUMBER: PC:
FILING DATE: 15-DEC-19:
CLASSIFICATION:
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  ADDRESSEE:
STREET: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GCTGGCTGGCACCAGGTGGCCACGTTTTCGCAGATACATGTCTATGGCCC 1981
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .........GluLeuLeuAspAspGlyGlnGlnAlaSerProTyrHis 77
                                                                                                                                                                                                                                                                                           0, Application US/08770379
5849564
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                                                                                                                                                                                      Chang, Yuan
Bohenzky, Roy A.
Russo, James J.
Cooper & Dunham LLP
85 Avenue of the Ame
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55.422
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                                                                                                                                                                  Isidore S.
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  Americas
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alignment_block:
US-08-978-217-7 x US-08-770-379-20
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                                                                                                                                                                                                                          seq_documentation_block:
                                                                                                                                                                                                                                                                 seq_name: /cgn2_6/ptodata/2/ina/6B_COMB.seq:US-08-757-669A-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         alignment_scores:
Quality:
                                                             GENERAL INFORMATION:
APPLICANT: Chang, Yuan
APPLICANT: Bohenzky, Roy
APPLICANT: Russo, James
APPLICANT: Edelman, Isid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Align seg 1/1 to: US-08-770-379-20 from: 1
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                                                                                                                                                                               Sequence 20, Application US/08757669A Patent No. 6183751
APPLICANT: Bohenzky, Roy A.
APPLICANT: Russo, James J.
APPLICANT: Edelman, Isidore S.
APPLICANT: MOORE, Patrick S.
TITLE OF INVENTION: UNIQUE ASSO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (212) 391-052
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                4747
                                                                                                                                                                                                                                                                                                                                                                                                     4697 CCGTACCCCTACGGCCTTGCCACCGGCGAGCGCCTGGTCGGCCAGGCGCA 4746
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4603 TTCTGGACTGCTGCGGGTGCTAGTAGAA....ATGGAGTTTGGTCCGC 4646
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 52
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: PATENTIA RELEASE #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                         55 ProPheAspGlnGlySerProPheAlaGlnGluLeuLeuAspAspGlyGl 71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    33 uSerTrpIleIleGluLeuLeuGluLysAspGlyMetAlaPhe..... 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          17 GlnLeuHisAlaGlnLeuArgAspLeuThrSerSerSerSerAspGluLe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: do
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                            ......GlnGluAlaLeuAspProGly...........
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53.750
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  UNIQUE ASSOCIATED KAPOSI'S SEQUENCES AND USES THEREOF
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                           SARCOMA VIRUS
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alignment_block:
US-08-978-217-7 x US-08-757-669A-20
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Quality:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLOGY: 1:
; MOLECULE TYPE:
US-08-757-669A-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 45185-F
TELECOMMUNICATION INFORMATION:
TELEFAX: (212) 378-0440
TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 32207 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ratio:
Percent Similarity:
                                                                                                                                                                                                                                                                                                                                                                                                                    Align seg 1/1 to: US-08-757-669A-20 from: 1 to: 32207
                                                         4697 CCGTACCCCTACGGCCTTGCCACCGGCGAGCGCCTGGTCGGCCAGGCGCA 4746
                                                                                                                                                                                                                                     4603 TTCTGGACTGCTGCGGGTGCTAGTAGAA....ATGGAGTTTGGTCCGC 4646
                                                                                                                                                                                                                                                                                                                               4553 CAGCTGTGGTCCACCTTGCGGCCCCTTACTGCGGATGAATCCGACACGGC 4602
                                                                                                                                                4647 CGCCCAAGACGCCGCGGCGGGAGGCGGTGGCGCCCGGCGCAACACTGCCA 4696
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/757,669A
FILING DATE:
CLASSIFICATION: 424
ATTORNEY TARGOMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
                                                                                                  55 ProPheAspGlnGlySerProPheAlaGlnGluLeuLeuAspAspGlyGl 71
                                                                                                                                                                                              48
                                                                                                                                                                                                                                                                                                                                                      17 GlnLeuHisAlaGlnLeuArgAspLeuThrSerSerSerSerAspGluLe 33
33 uSerTrpIleIleGluLeuLeuGluLysAspGlyMetAlaPhe...... 47
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ZIP: 10036
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1.488
53.750
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Gaps: 4
Percent Identity: 30.000
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